



# LG Electronics



## SERVICE MANUAL

Model Series:

Product Type: PLASMA  
Manual Part#: 923-03464  
Chassis: PDP 60"  
Product Year: 2001

DPDP60  
MU60PZ10B

Service Manual is a part the Service Kit. Manual is to remain with Service Kit.

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# PRODUCT SAFETY GUIDELINES

## IMPORTANT SAFETY NOTICE

This manual was prepared for use only by properly trained audio-visual service technicians.

When servicing this product, under no circumstances should the original design be modified or altered without permission from Zenith Electronics Corporation. All components should be replaced only with types identical to those in the original circuit and their physical location, wiring and lead dress must conform to original layout upon completion of repairs.

Special components are also used to prevent x-radiation, shock and fire hazard. These components are indicated by the letter "x" included in their component designators and are required to maintain safe performance. No deviations are allowed without prior approval by Zenith Electronics Corporation.

Circuit diagrams may occasionally differ from the actual circuit used. This way, implementation of the latest safety and performance improvement changes into the set is not delayed until the new service literature is printed.

**CAUTION:** Do not attempt to modify this product in any way. Never perform customized installations without manufacturer's approval. Unauthorized modifications will not only void the warranty, but may lead to property damage or user injury.

Service work should be performed only after you are thoroughly familiar with these safety checks and servicing guidelines.

## GRAPHIC SYMBOLS



The exclamation point within an equilateral triangle is intended to alert the service personnel to important safety information in the service literature.



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the service personnel to the presence of noninsulated "dangerous voltage" that may be of sufficient magnitude to constitute a risk of electric shock.



The pictorial representation of a fuse and its rating within an equilateral triangle is intended to convey to the service personnel the following fuse replacement caution notice:

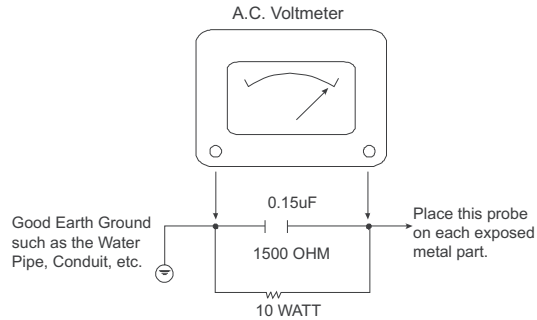
**CAUTION:** FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ALL FUSES WITH THE SAME TYPE AND RATING AS MARKED NEAR EACH FUSE.

## SERVICE INFORMATION

While servicing, use an isolation transformer for protection from AC line shock. After the original service problem has been corrected, make a check of the following:

## FIRE AND SHOCK HAZARD

1. Be sure that all components are positioned to avoid a possibility of adjacent component shorts. This is especially important on items transported to and from the repair shop.
2. Verify that all protective devices such as insulators, barriers, covers, shields, strain reliefs, power supply cords, and other hardware have been reinstalled per the original design. Be sure that the safety purpose of the polarized line plug has not been defeated.
3. Soldering must be inspected to discover possible cold solder joints, solder splashes, or sharp solder points. Be certain to remove all loose foreign particles.
4. Check for physical evidence of damage or deterioration to parts and components, for frayed leads or damaged insulation (including the AC cord), and replace if necessary.
5. No lead or component should touch a receiving tube or a resistor rated at 1 watt or more. Lead tension around protruding metal surfaces must be avoided.
6. After reassembly of the set, always perform an AC leakage test on all exposed metallic parts of the cabinet (the channel selector knobs, antenna terminals, handle and screws) to be sure that set is safe to operate without danger of electrical shock. **DO NOT USE A LINE ISOLATION TRANSFORMER DURING THIS TEST.** Use an AC voltmeter having 5000 ohms per volt or more sensitivity in the following manner: Connect a 1500 ohm, 10 watt resistor, paralleled by a .15 mfd 150V AC type capacitor between a known good earth ground water pipe, conduit, etc.) and the exposed metallic parts, one at a time. Measure the AC voltage across the combination of 1500 ohm resistor and .15 mfd capacitor. Reverse the AC plug by using a non-polarized adaptor and repeat AC voltage measurements for each exposed metallic part. Voltage measured must not exceed 0.75 volts RMS. This corresponds to 0.5 milliamp AC. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately.



## X-RADIATION

1. Be sure procedures and instructions to all service personnel cover the subject of x-radiation. The only potential source of x-rays in current TV receivers is the picture tube. However, this tube does not emit x-rays when the HV is at the factory-specified level. The proper value is given in the applicable schematic. Operation at higher voltages may cause a failure of the picture tube or high-voltage supply and, under certain circumstances may produce radiation in excess of desirable levels.
2. Only factory-specified CRT anode connectors must be used.
3. It is essential that the service personnel have available an accurate and reliable high-voltage meter.
4. When the high-voltage circuitry is operating properly, there is no possibility of an x-radiation problem. Every time a color chassis is serviced, the brightness should be run up and down while monitoring the high voltage with a meter, to be certain that the high voltage does not exceed the specified value and that it is regulating correctly.
5. When troubleshooting and making test measurements in a product with a problem of excessively high voltage, avoid being unnecessarily close to the picture tube and the high voltage power supply. Do not operate the product longer than necessary to locate the cause of excessive voltage.
6. Refer to HV, B+, and shutdown adjustment procedures described in the appropriate schematics and diagrams (where used).

## IMPLOSION

1. All direct view picture tubes are equipped with an integral implosion protection system; take care to avoid damage during installation.
2. Use only the recommended factory replacement tubes.

## TIPS ON PROPER INSTALLATION

1. Never install any receiver in a closed-in recess, cubbyhole, or closely fitting shelf space over, or close to, a heat duct, or in the path of heated air flow.
2. Avoid conditions of high humidity such as: outdoor patio installations where dew is a factor, near steam radiators where steam leakage is a factor, etc.
3. Avoid placement where draperies may obstruct venting. The customer should also avoid the use of decorative scarves or other coverings that might obstruct ventilation.
4. Wall- and shelf-mounted installations using a commercial mounting kit must follow the factory-approved mounting instructions. A product mounted to a shelf or platform must retain its original feet (or the equivalent thickness in spacers) to provide adequate air flow across the bottom. Bolts or screws used for fasteners must not touch any parts or wiring. Perform leakage tests on customized installations.
5. Caution customers against mounting a product on a sloping shelf or in a tilted position, unless the receiver is properly secured.
6. A product on a roll-about cart should be stable in its mounting to the cart. Caution the customer on the hazards of trying to roll a cart with small casters across thresholds or deep pile carpets.
7. Caution customers against using a cart or stand that has not been listed by Underwriters Laboratories, Inc. for use with its specific model of television receiver or generically approved for use with TVs of the same or larger screen size.
8. Caution customers against using extension cords. Explain that a forest of extensions, sprouting from a single outlet, can lead to disastrous consequences to home and family.

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# OVERVIEW

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## GENERAL INFO

### SPECIFICATIONS

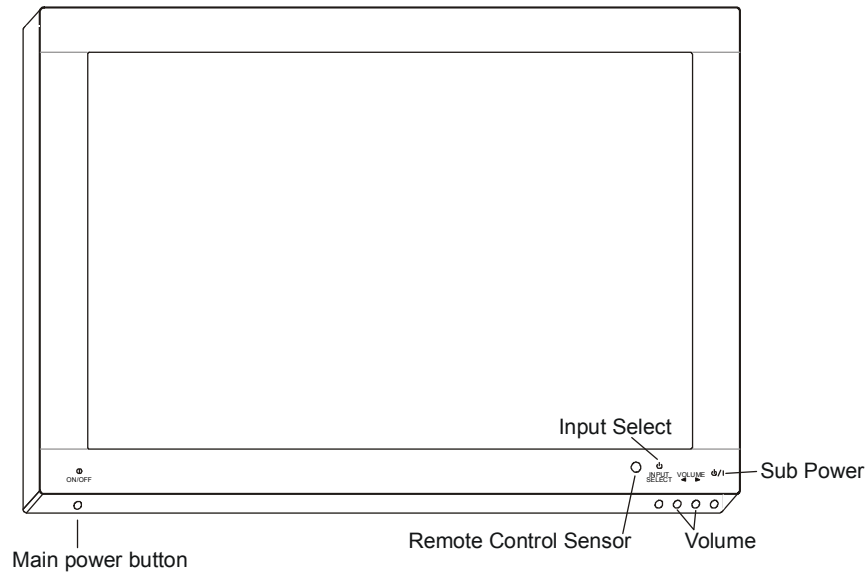
<b>Screen Size</b>	60 in/132 cm diagonal
<b>Aspect Ratio</b>	16:9 (width:height)
<b>Resolution</b>	1280 x 720 pixels
<b>Peak Brightness</b>	180cd/m (with 45%filter)
<b>Contrast Ratio</b>	330:1(Dark Room)
<b>Viewing Angle</b>	160° horizontally and vertically
<b>Displayable Colors</b>	16.77 million
<b>Weight</b>	154.3 lbs(MNT), 66.8 lbs(D/Stand), 5.5lbs(Spk.)x2
<b>Life</b>	Approx. 25,000 hours
<b>Dimensions(MNT)</b>	75.3 in wide, 34.8 in high, 3.9 in deep
<b>(SPK)</b>	5.3 in wide, 34.8 in high, 3.9 in deep
<b>Input Terminals</b>	RF terminal(NTSC) Composite Video input(RCA) X 2, S-Video Audio L&R input(RCA) X 2 Component Video (Y,Cb,Cr) + R/L for DVD Component Video (Y,Pb,Pr)+ R/L for HDTV Stb. RGB-SUB 15 pin for HDTV Stb.(480p/720p/1080i) Analog RGB-SUB 15pin(PC VGA ~SVGA) Stereo Input for PC Audio
<b>Output Terminals</b>	RGB-SUB 15 pin(PC/DTV1 out : bypass) Audio L&R(RCA) & Woofer Sound out(option) Composite Video output + R/L output
<b>Display Frequency</b>	15.73kHz to 68kHz horizontally, 50Hz to 80Hz(V)
<b>Picture</b>	DRP, Digital 3D Comb filter, LTI/CTI
<b>Sound</b>	A2 stereo, Dolby Virtual, AVL, 2x10Wrms(woofer:opt.)
<b>Remote Control</b>	Included(Unified)
<b>Power Source</b>	120V / 60 Hz
<b>Power Consumption</b>	320 watts( with Max. Audio : 330W)

\*Designs and specifications are subject to change without notice.

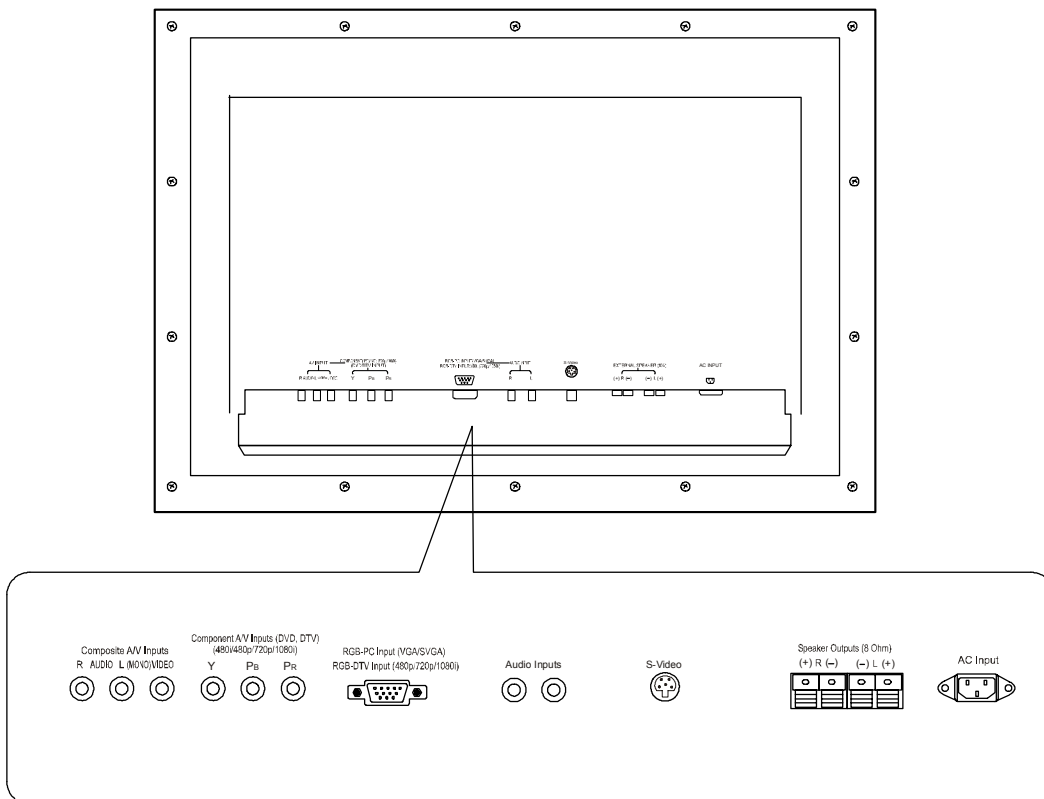
\*Weight and dimensions shown are approximate.

# OVERVIEW

## FRONT

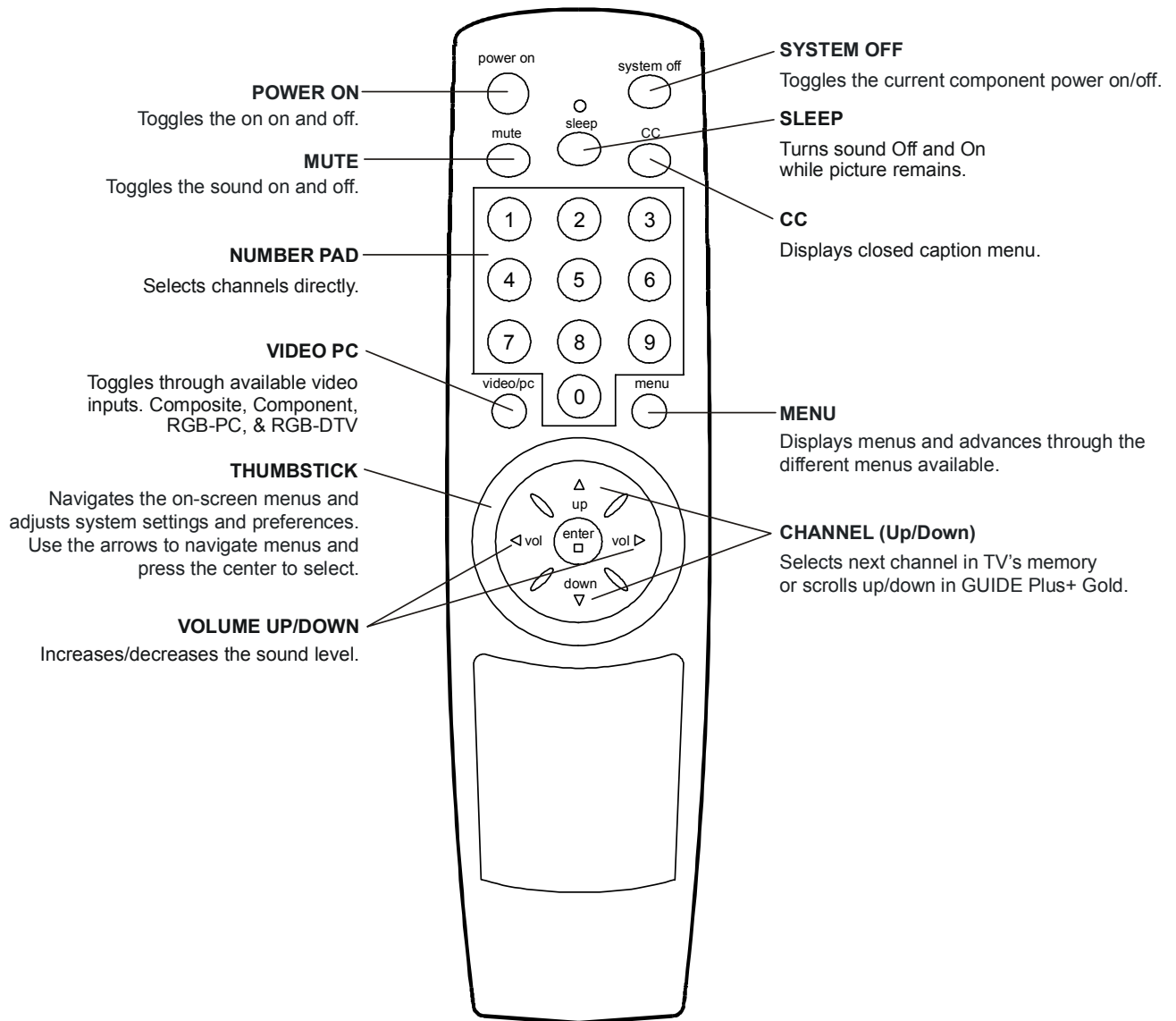


## BACK



# OVERVIEW

## REMOTE



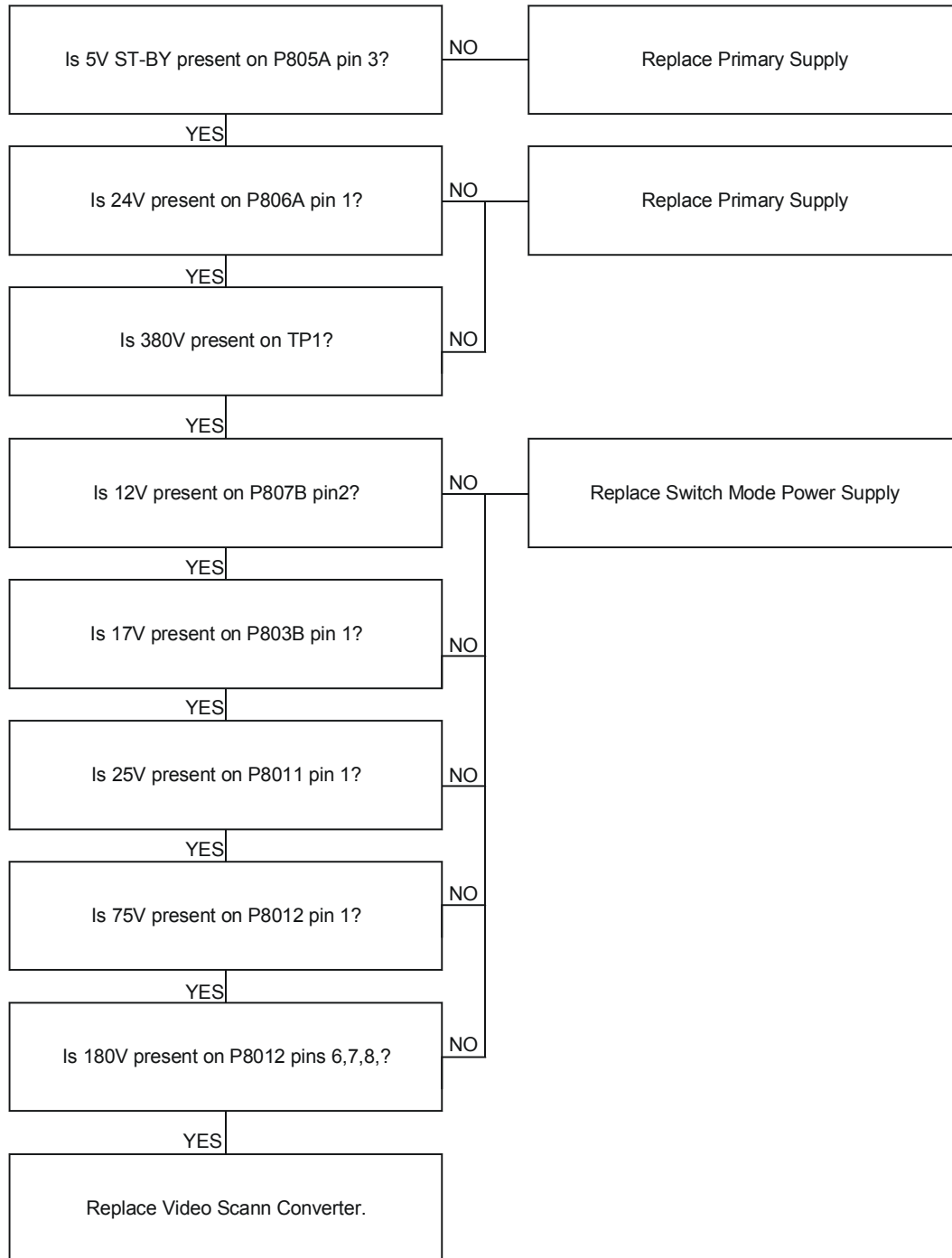
**Zenith Remote Part# 6710V00042H**

**LG Remote Part# 6710V00042K**

# SERVICING

## TROUBLESHOOTING

### NO POWER

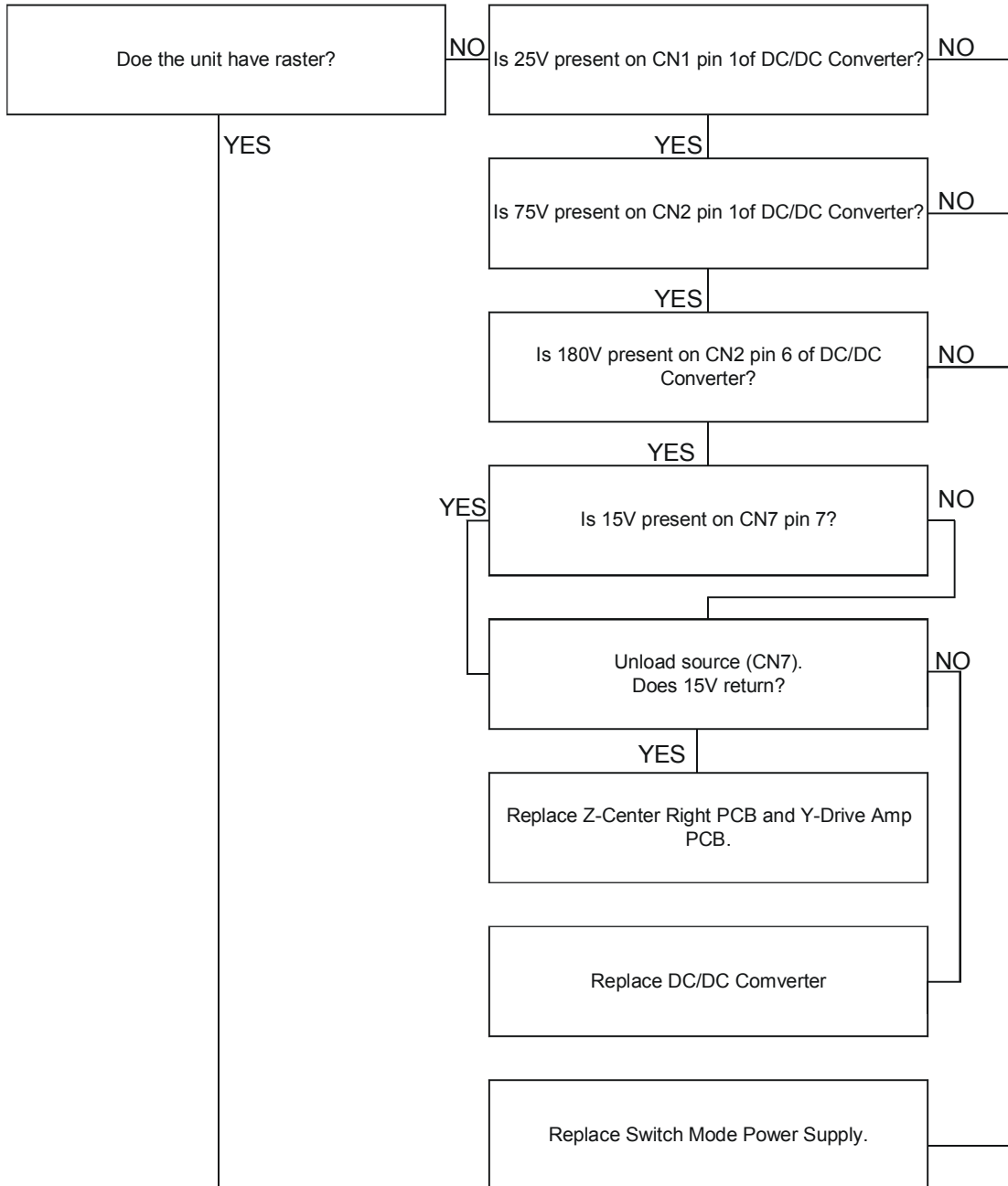




# SERVICING

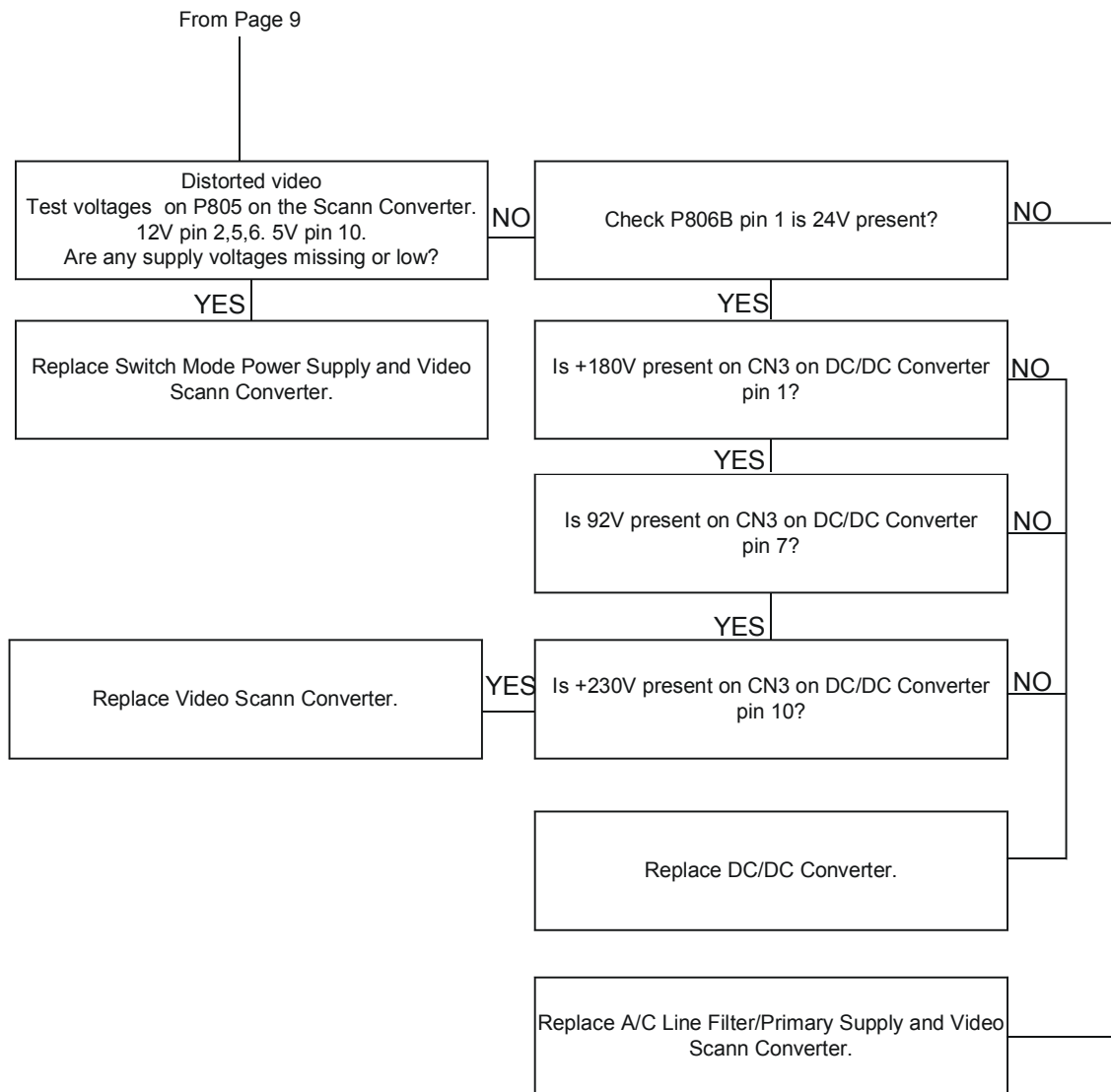
## TROUBLESHOOTING

### ABNORMAL PICTURE



Continued on page 10

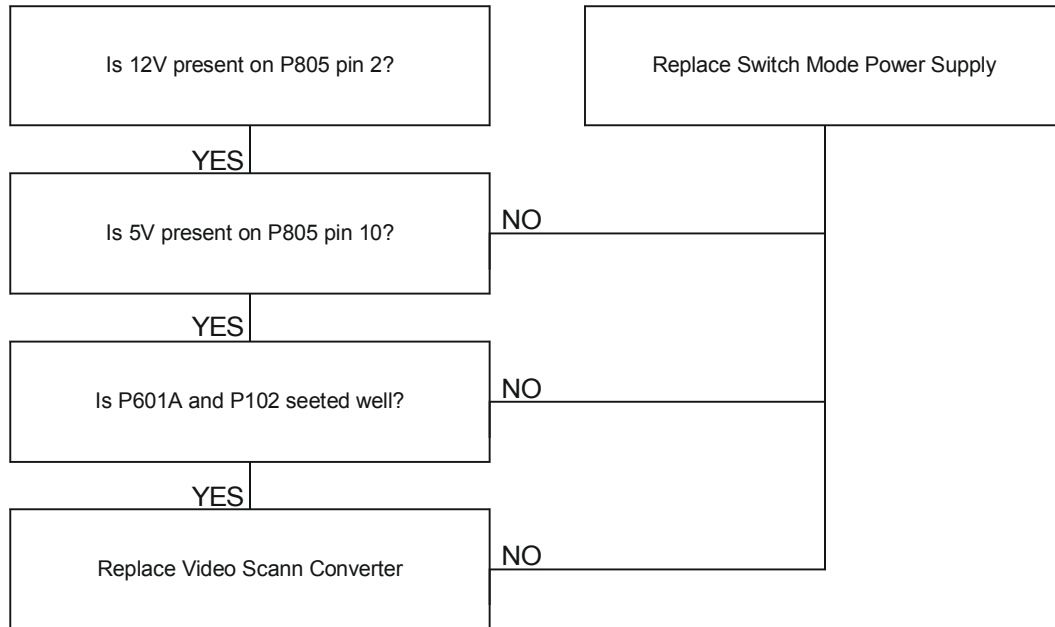
# SERVICING



# SERVICING

## TROUBLESHOOTING

### NO AUDIO



# SERVICING

## 1. Application Object

These instructions are applied to all of the PDP monitor, NP-00KA.

## 2. Notes

- (1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of an isolation transformer will help protect test instrument.
- (2) Adjustments must be done in the correct order.
- (3) The adjustment must be performed in  $25 \pm 5^\circ\text{C}$  and  $65 \pm 10\%$  of relative humidity.
- (4) The input voltage of the receiver must keep 110~240V, 50/60Hz.
- (5) The receiver must be operated for about 15 minutes prior to the adjustment.

After receiving 100% white pattern(06CH), the receiver must be operated prior to adjustment. (Or white condition in HEAT-RUN mode). Enter into HEAT-RUN mode

- Select 2.W/B by pressing the ADJ button on Remote Control for adjustment. Then press the VOL + button.
- Press the VOL + button in HEAT-RUN.

(OSD display HEAT-RUN WHITE and screen display 100% full WHITE PATTERN)

Single color pattern in HEAT-RUN mode is used to check the Plasma PANEL.(RED/BLUE/GREEN)

**[Caution]** If you display a still screen more than 20 minutes, an afterimage may occur in the black level part of the screen.

## 3. POWER PCB Assy Voltage Adjustment

Replace PDP Module or Power Board, adjust certainly Power PCB Assy Voltage.

### 3-1. Test Equipment

D.M.M. 1EA

### 3-2. Connection Diagram for Measuring Refer to

(Fig 1).

### 3-3. Adjustment Method

#### (1) PFC Adjustment

After receiving 100% white pattern, HEAT-RUN.

Connect TP PFC+ and TP PFC-(GND) to D.M.M.

Turning VR801, adjustment is 380V( $\pm 1\text{V}$ ).

#### (2) Va Adjustment

Connect pin 1 of P814 to (+) jack of D.M.M.

After turning the VR803(Va Adj), voltage of D.M.M

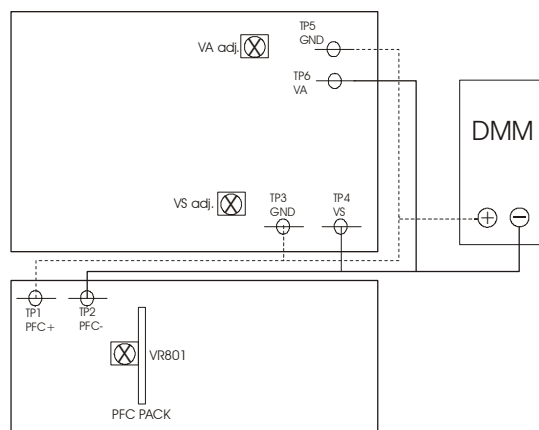
adjustment as same as Va voltage which on label of panel right/bottom.(Deviation :  $\pm 0.5\text{V}$ )

#### (3) Vs Adjustment

Connect pin 9 of P803 to (+) jack of D.M.M.

After turning the VR804(Vs Adj), voltage of D.M.M adjust as same as Vs voltage which indicated on label of panel right/bottom.(Deviation :  $\pm 0.5\text{V}$ )

(Fig 1) Connection Diagram of Power Adjustment for Measuring



## 4. Adjustment White Balance

### 4-1. Required Equipment

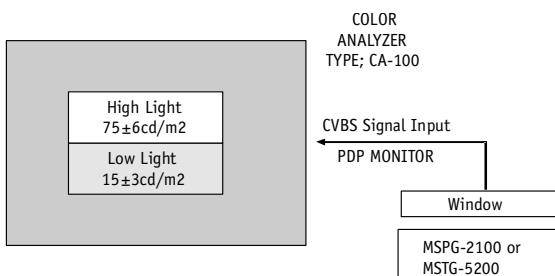
Color analyzer(CA-100 or same production)

### 4-2. Connection Diagram of Equipment for Measuring

[ After stop the Micom by pressing CH UP Key on Remote Control, insert the P1002 with automatic adjustment of connector. After remove connector, move the Micom by pressing ENTER Key.

## ADJUSTMENT INSTRUCTIONS

(Fig 2) Connection Diagram of Automatic Adjustment



## SERVICING

### 4-3. Adjustment of White Balance

1. Zero-calibrate the CAN100, then stick the sensor to the PDP module surface when you adjust.
2. Select WHITE PATTERN of HEAT RUN mode by pressing the ADJ button on the Remote Control. Operate HEAT RUN 15 minutes minimum.
3. Supply a 10 step gray scale bar signal in pattern generator. (A/V Input)
4. To adjust Low Light, stick the sensor to the 9th pattern(Dark), select the W/B by pressing the ADJ button on the Remote Control for adjustment and press the VOL + button enter the Adjustment Mode. After selecting the G cut and B cut, press the VOL +/- Key and adjust it until color coordination becomes (R cut fixed)  
color coordination :  $X=0.280\pm0.005$ ,  $Y=0.310\pm0.005$   
color temperature :  $8.800\text{cK} \pm 500\text{cK}$
5. To adjust High Light, stick the sensor to the 2nd pattern(White),select the W/B by pressing ADJ button on the Remote Control for adjustment. Press the VOL + button to enter the Adjustment Mode. After selecting the R GAIN and G GAIN, press the VOL +/-Key and adjust it until color coordination becomes (B GAIN fixation)  
color coordination :  $X=0.280\pm0.005$ ,  $Y=0.310\pm0.005$   
color temperature :  $8.800\text{cK} \pm 500\text{cK}$
6. Confirm the result of the High Light adjustment.  
If deviation of High Light occurs, operate the adjustment of Low Light and High Light again.
7. Exit the adjustment mode using the Enter button.
4. Select STB CXA2101 by pressing SVC,ADJUST button on Remote Control for adjustment.
5. To adjust Low Light, stick the sensor to 9th pattern(Dark). Select the B Cut/R Cut, then adjust the B Cut/R Cut until color coordination becomes  $X=0.280\pm0.003$ ,  $Y=0.310\pm0.003$  and color temperature becomes  $8.800\text{cK} \pm 500\text{cK}$  by pressing VOL+, - button. (Adjust in B Cut  $10\pm1$ , R Cut  $6\pm1$ )
6. To adjust High Light, stick sensor to 2nd pattern(White). Select the R Gain/G Gain, then adjust the R Gain/G Gain until color coordination becomes  $X=0.280\pm0.003$ ,  $Y=0.310\pm0.003$  and color temperature becomes  $8.800\text{cK} \pm 500\text{cK}$ . (B-Gain fixed)
7. Confirm the result of the High Light adjustment. If the deviation of High Light occur, operate the adjustment of Low Light and High Light again. (Expectation average adjustment data : B-Cut & RCut= $6\pm2$ , R-Gain/G-Gain= $25\pm3$ )
8. Exit the adjustment mode using A/V button.

### **COLOR TEMPERATURE ADJUSTMENT**

Required Equipment: Color Analyzer(CA-110, CA-100 or equivalent analyzer).

#### Adjustment Method

1. Connect the STB to the PDP Monitor. Operate the zero-calibration of the CA-100, then stick the sensor to the surface of the PDP module.
2. Select ITE PATTERN of HEAT RUN mode by pressing the SVC button on the Remote Control for adjustment, then operate HEAT RUN more than 15 minutes.
3. Supply window Signal to TD-710 in pattern generator. [ When adjustment is operated manually, conduct processes (3) to (7).

# SERVICING

## SERVICE MENU

### Service Menu Adjustments for Plasma Display

Once the Main Video Scan Converter module is installed, the unit will power on as soon as A/C is applied. The EEPROM data will be set to Factory default values.

The following charts and instructions will allow you to set access the service menu and make any necessary adjustments during the repair and installation of the PDP.

### **Adjustments must be done in both NTSC/PC and DTV Modes**

If the unit will power on prior to the replacement of this Module and the menus can be accessed it recommended that the servicer access the service menu and record the data from the original EEPROM.

The Service Remote, which is provided with the service kit, must be used to access the service menu. Once the servicer has gained access to the service menu he can then us the customers remote control to complete the alignments. For additional information see the Service literature provided in this kit.

### Equipment Needed:

NTSC Pattern Generator

DTV Pattern Generator.

## NTSC/PC ADJUSTMENTS

1. When using THE ZENITH LEARNING REMOTE to make adjustments to the service menu, the AUX function must be selected.
2. Press the Channel Down key one time, the following menu should appear.

Option	1	2	3	4	5
System	NTSC	NTSC	3Sys	3Sys	3Sys
Remocon	NEC	Zenith	NEC	NEC	NEC
Language	Korean	ENG	Portugal	Espanol	ENG
50/60	60	60	60	60	60

3. The chart shows default value settings for the service adjustments. The OPTION CODE will be set to "5" which is for the LGE remote control codes. This item must be changed to "2" to allow the Zenith customer remote to operate the set and complete the necessary adjustments.
4. This is accomplished by using the manual volume UP and Down buttons on the unit to enter the option sub menu shown below.

5. The REMOCOM line item should be highlighted at this time, using the manual volume control buttons, simply toggle the setting to indicate Zenith. The option code should now indicate "2". You will now be able to continue the service adjustments as follows.
6. Using the **ZENITH LEARNING REMOTE**, press the Channel down key one time, the following menu should appear.

1 ADJ	PHASE	15
2 W/B	H-PHASE	187
3 CXA2101 ADJ	V-PHASE	53
4 EPROM INIT	HEAT RUN	OFF
	AUTO CUTOFF	
	R-CUT	22
	G-CUT	8
	B-CUT	23
	R-GAIN	14
	G-GAIN	12
	B-GAIN	13
	CXA2101	0
	VP 0 BCUT	7
	VP 1 RCUT	7
	VP 2 R-GAIN	0
	VP 3 G-GAIN	0
	VP 4 B-GAIN	0
	VP 5 S CONTRAST	0
	VP 6 S BRIGHT	54
	VP 7 S-COLOR	7
	VP 8 S-TINT	7
	VP 9 S-SHARP	3
	VP 10 CTI-LEVEL	0
	VP 11 R-Y/R	6
	VP 12 G-Y/R	10
	VP 13 R-Y/B	9
	VP 14 G-Y/B	5
	VP 15 GAMMA	7
	VP 16 LTI-LEV	0
	VP 17 PRE/OVER	1
	VP 18 DC-TRAN	0
	VP 19 D-PIC	2
	VP 20 V-TC	2
	VP 21 H-WIDTH	3
	VP 22 D-COL	1
	VP 23 HD-TC	0
	VP 24 SHP-FO	0

# SERVICING

Example below is in NTSC mode.

The values are different for DTV mode:

- Using the **CUSTOMER'S REMOTE**, use the channel *UP* or *DOWN* keys to scroll through the menu and the *VOLUME UP* or *DOWN* keys to make the adjustments.
- To exit the service menu, press the (ENTER) key one time.

## DTV ADJUSTMENTS

- Press the Channel Up key one time, the following menu will appear.

HEAT RUN	OFF
AUTO CUTOFF	
R-CUT	22
G-CUT	8
B-CUT	23
R-GAIN	14
G-GAIN	12
B-GAIN	13

**NOTE:** "Heat run" has the following settings: **OFF, WHITE, RED, BLUE, and GREEN.**

- These are for warm up of the unit as well as testing for defects. This function will also remove minor burn-in on the display. **DO NOT USE FOR SETTING RGB DRIVES.**

The following chart shows starting value settings for adjustments.

DTV Adjustments		
	NTSC	DTV
VP 0 HEATRUN	OFF	OFF
VP 1 CUTOFF-AUTO		
VP 2 R-FINE	16	16
VP 3 G-FINE	16	16
VP 4 B-FINE	16	16
VP 5 R-GAIN	16	16
VP 6 G-GAIN	10	10
VP 7 B-GAIN	3	3
VP 8 R-CUT	151	161
VP 9 G-CUT	94	95
VP 10 B-CUT	25	26
VP 11 (NTSC) DVCO ADJ	0F00	
VP 11 (DTV) AUTO PLL		END
VP 12		

- Using the **CUSTOMER'S REMOTE**, use the Channel *UP* or *DOWN* keys to scroll through the menu and the *VOLUME UP* or *DOWN* keys to make the adjustments.
- To exit this portion of the service menu cycle power off and on.

# PARTS

All DPD models are module level repair only. Parts contact information is below.

Voice: 1-888-3-ZENITH

Fax: 1-888-6-ZENITH

Mail: Zenith National Parts  
201 James Record Road  
Huntsville, AL 35824-1513

## DPDP60

LOC	ZPN	PART_DESC
A1	206-03730	OWNERS MANUAL
101	5900V08001A	FAN,DC
201	6871VSN172C	X-TOP RIGHT
202	6871VSN172J	Z-TOP RIGHT
203	6871VSN172L	Z-CENTER RIGHT
204	6871VSN172K	Z-LOWER RIGHT
205	6871VSN172B	X-LOWER RIGHT BOTTOM
206	6871VSN172E	X-LOWER CENTER BOTTOM
207	6871VSN172C	X-LOWER LEFT BOTTOM
208	6871VSN172H	Y-LOWER LEFT
209	6871VSN172F	Y-DRIVE AMP.
210	6871VSN172G	Y-TOP LEFT
211	6871VSN172B	X-TOP LEFT
212	6871VSN172D	X-TOP CENTER
213	6871VSN172A	MICRO/X-Y GENERATOR
214	6871VSN172M	DC/DC CONVERTER
300	NSP	ESCHUCHION
301	NSP	FRAME TOP
302	NSP	FRAME BOTTOM
303	NSP	FRAME RIGHT
304	NSP	FRAME LEFT
305	NSP	WINDOW
310	5020V00437A	BUTTON,CONTROL
330	5020V00436A	BUTTON,POWER
331	6600VM2006B	POWER SWITCH ASSY.
400	3809V00211A	BACK COVER ASSEMBLY
401	3300V00067C	PLATE
520	6871VMM693C	VIDEO SCAN CONVERTER
530	6871VPM052A	A/C LINE FILTER / PRIMARY SUPPLY
540	6871VPM054A	SWITCH MODE POWER SUPPLY
550	6871VSM677A	CONTROL PCB ASSY.
560	3141VSN195A	CHASSIS ASSEMBLY MOUNT
580	PART OF LOC 530	PWB(PCB) ASSEMBLY
590	PART OF LOC 540	PWB(PCB) ASSEMBLY
600	PART OF LOC 540	PWB(PCB) ASSEMBLY
610	PART OF LOC 540	PWB(PCB) ASSEMBLY
620	6871VSM676A	SPEAKER PCB ASSY.
A2	6710V00042H	REMOTE CONTROLLER
A3	6410VUH005A	A/C POWER CORD
F8301	0FS1502B67B	FUSE,SLOW BLOW
F8302	131-098B	FUSE,SLOW BLOW
L8811	131-096E	FUSE,FAST BLOW
PA001	6710V00042H	ZENITH REMOTE CONTROLLER RECEIVER

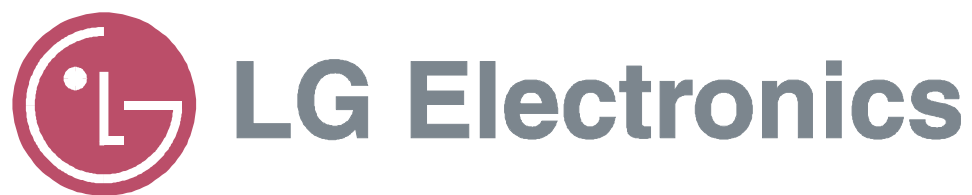
## MU60PZ10B

LOC	ZPN	PART_DESC
A1	3828VA0277B	OWNERS MANUAL
101	5900V08001A	FAN,DC
201	6871VSN172C	X-TOP RIGHT
202	6871VSN172J	Z-TOP RIGHT
203	6871VSN172L	Z-CENTER RIGHT
204	6871VSN172K	Z-LOWER RIGHT
205	6871VSN172B	X-LOWER RIGHT BOTTOM
206	6871VSN172E	X-LOWER CENTER BOTTOM
207	6871VSN172C	X-LOWER LEFT BOTTOM
208	6871VSN172H	Y-LOWER LEFT
209	6871VSN172F	Y-DRIVE AMP.
210	6871VSN172G	Y-TOP LEFT
211	6871VSN172B	X-TOP LEFT
212	6871VSN172D	X-TOP CENTER
213	6871VSN172A	MICRO/X-Y GENERATOR
214	6871VSN172M	DC/DC CONVERTER
300	NSP	ESCHUCHION
301	NSP	FRAME TOP
302	NSP	FRAME BOTTOM
303	NSP	FRAME RIGHT
304	NSP	FRAME LEFT
305	NSP	WINDOW
310	5020V00437A	BUTTON,CONTROL
330	5020V00436A	BUTTON,POWER
331	6600VM2006B	POWER SWITCH ASSY.
400	3809V00211A	BACK COVER ASSEMBLY
401	3300V00067C	PLATE
520	6871VMM693C	VIDEO SCAN CONVERTER
530	6871VPM052A	A/C LINE FILTER / PRIMARY SUPPLY
540	6871VPM054A	SWITCH MODE POWER SUPPLY
550	6871VSM677A	CONTROL PCB ASSY.
560	3141VSN195A	CHASSIS ASSEMBLY MOUNT
580	PART OF LOC 530	PWB(PCB) ASSEMBLY
590	PART OF LOC 540	PWB(PCB) ASSEMBLY
600	PART OF LOC 540	PWB(PCB) ASSEMBLY
610	PART OF LOC 540	PWB(PCB) ASSEMBLY
620	6871VSM676A	SPEAKER PCB ASSY.
A2	6710V00042H	REMOTE CONTROLLER
A3	6410VUH005A	A/C POWER CORD
F8301	0FS1502B67B	FUSE,SLOW BLOW
F8302	131-098B	FUSE,SLOW BLOW
L8811	131-096E	FUSE,FAST BLOW
PA001	6710V00042K	LG REMOTE CONTROLLER RECEIVER

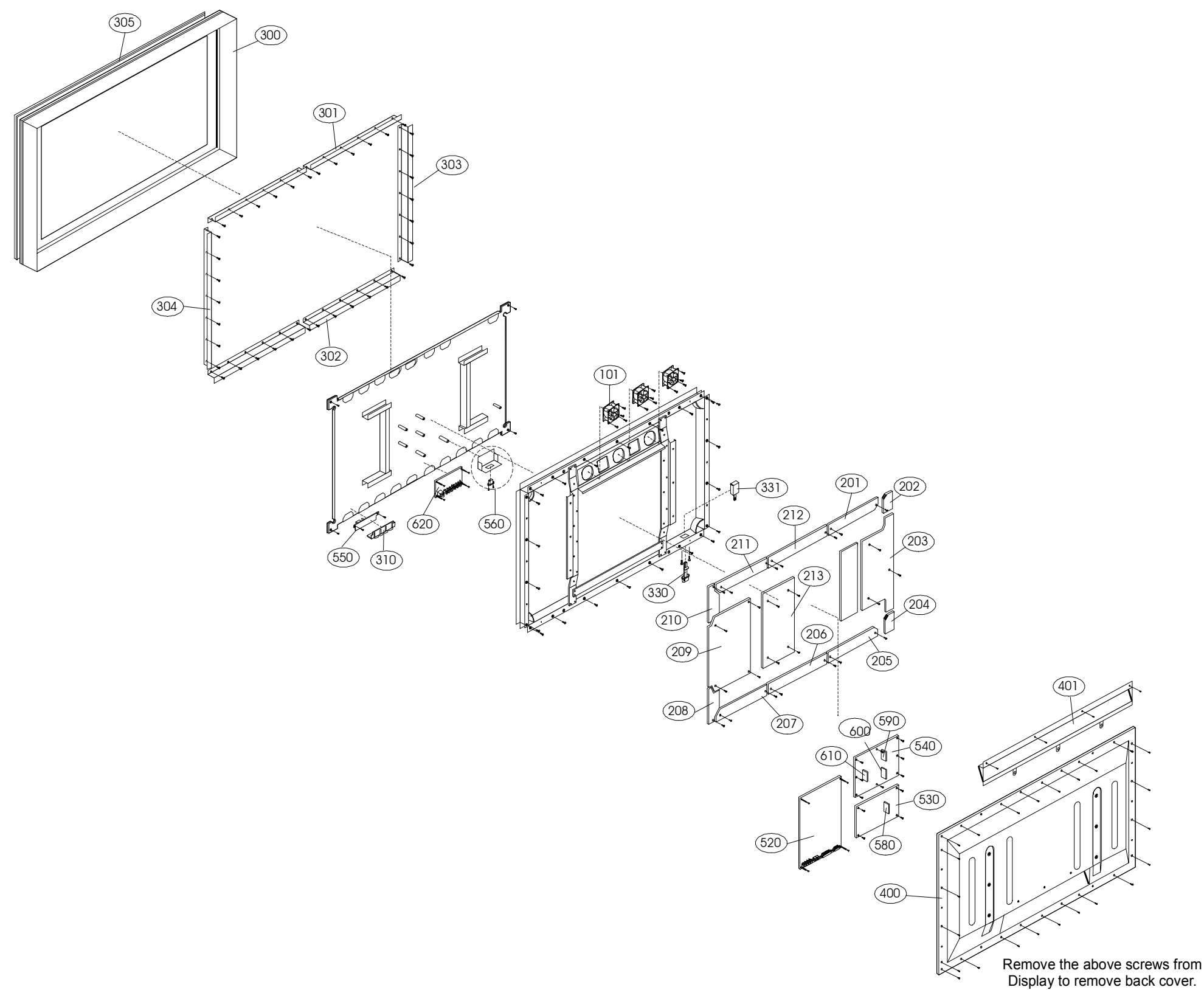
NSP = NON STOCKED PART





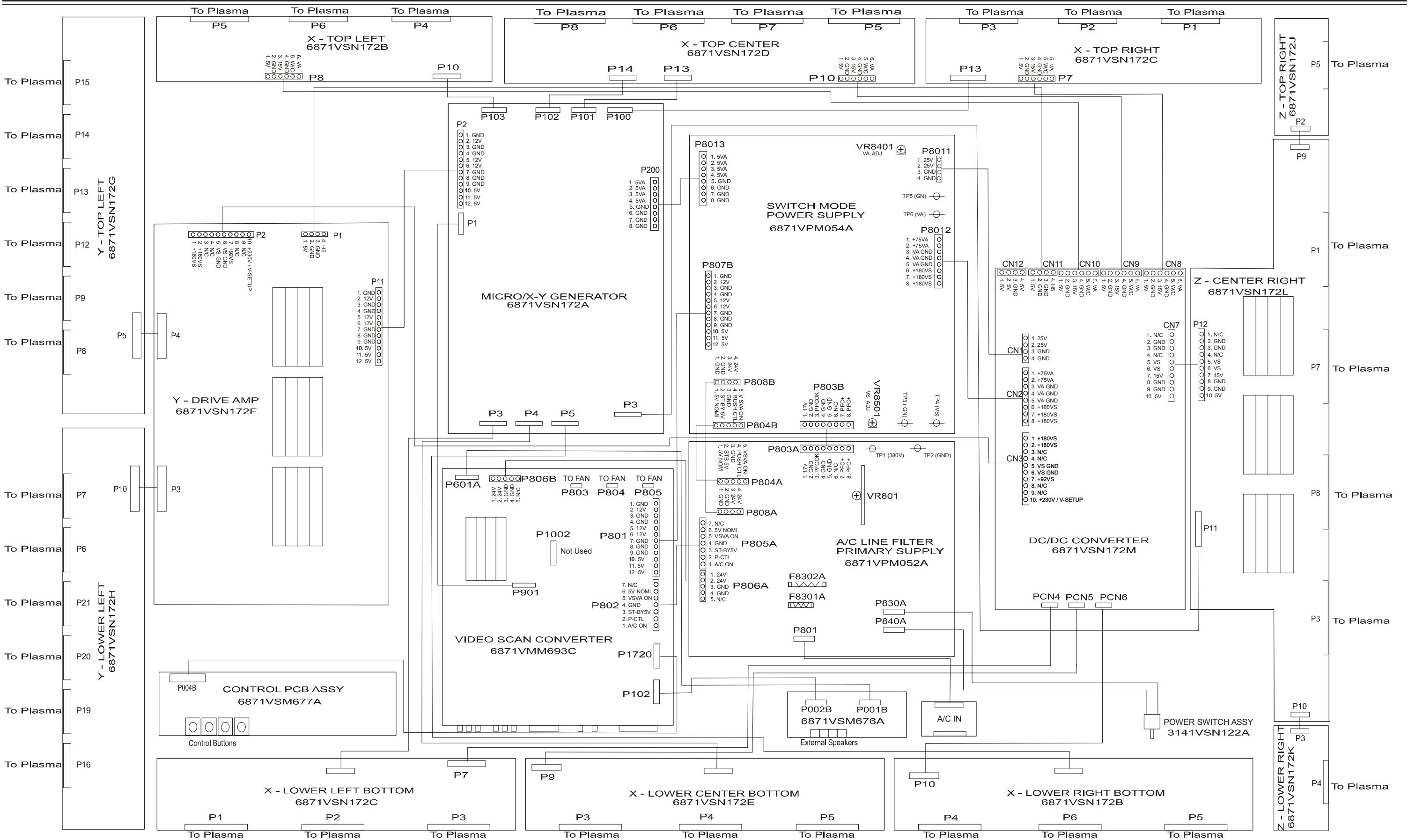


DPDP60 Exploded View



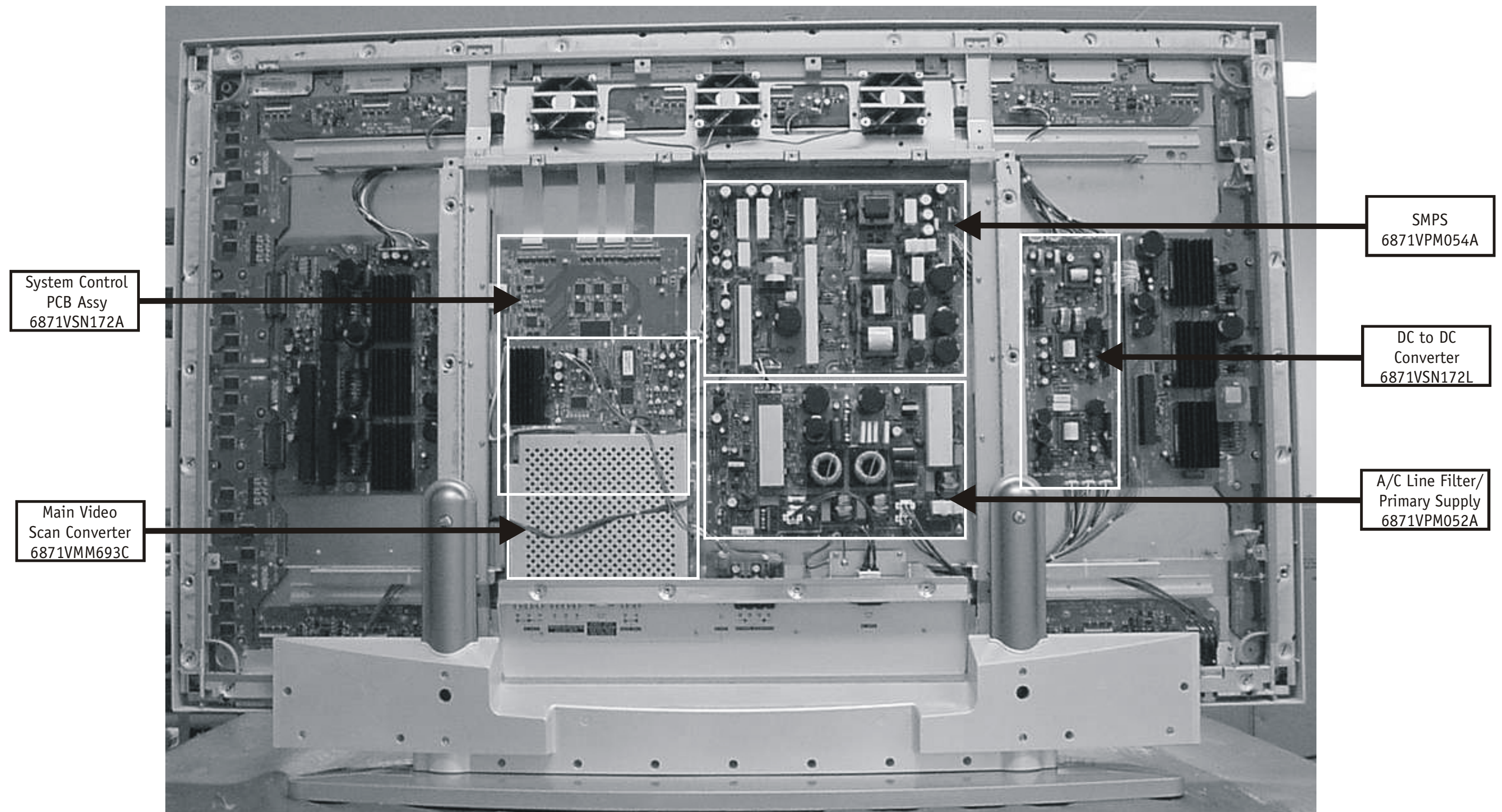
LOC	ZPN	PART_DESC
101	5900V08001A	FAN,DC
201	6871VSN172C	X-TOP RIGHT
202	6871VSN172J	Z-TOP RIGHT
203	6871VSN172L	Z-CENTER RIGHT
204	6871VSN172K	Z-LOWER RIGHT
205	6871VSN172B	X-LOWER RIGHT BOTTOM
206	6871VSN172E	X-LOWER CENTER BOTTOM
207	6871VSN172C	X-LOWER LEFT BOTTOM
208	6871VSN172H	Y-LOWER LEFT
209	6871VSN172F	Y-DRIVE AMP.
210	6871VSN172G	Y-TOP LEFT
211	6871VSN172B	X-TOP LEFT
212	6871VSN172D	X-TOP CENTER
213	6871VSN172A	MICRO / X-Y GENERATOR
214	6871VSN172M	DC/DC CONVERTER
300	NSP	ESCHUCHION
301	NSP	FRAME TOP
302	NSP	FRAME BOTTOM
303	NSP	FRAME RIGHT
304	NSP	FRAME LEFT
305	NSP	WINDOW
310	5020V00437A	BUTTON,CONTROL
330	5020V00436A	BUTTON,POWER
331	6600VM2006B	POWER SWITCH ASSY.
400	3809V00211A	BACK COVER ASSEMBLY
401	3300V00067C	PLATE
520	6871VMM693C	VIDEO SCAN CONVERTER
530	6871VPM052A	A/C LINE FILTER / PRIMARY SUPPLY
540	6871VPM054A	SWITCH MODE POWER SUPPLY
550	6871VSM677A	CONTROL PCB ASSY.
560	3141VSN195A	CHASSIS ASSEMBLY MOUNT
580	PART OF LOC 530	PWB(PCB) ASSEMBLY
590	PART OF LOC 540	PWB(PCB) ASSEMBLY
600	PART OF LOC 540	PWB(PCB) ASSEMBLY
610	PART OF LOC 540	PWB(PCB) ASSEMBLY
620	6871VSM676A	SPEAKER PCB ASSY.
A2	6710V00042H	ZENITH REMOTE CONTROLLER
A2	6710V00042K	LG REMOTE CONTROLLER
A3	6410VUH005A	A/C POWER CORD
F8301	OFS1502B67B	FUSE,SLOW BLOW
F8302	131-098B	FUSE,SLOW BLOW
L8811	131-096E	FUSE,FAST BLOW
PA001	6726VH0001A	REMOTE CONTROLLER RECEIVER
A1	3828VA0277B	OP GUIDE

DPDP60 Interconnect



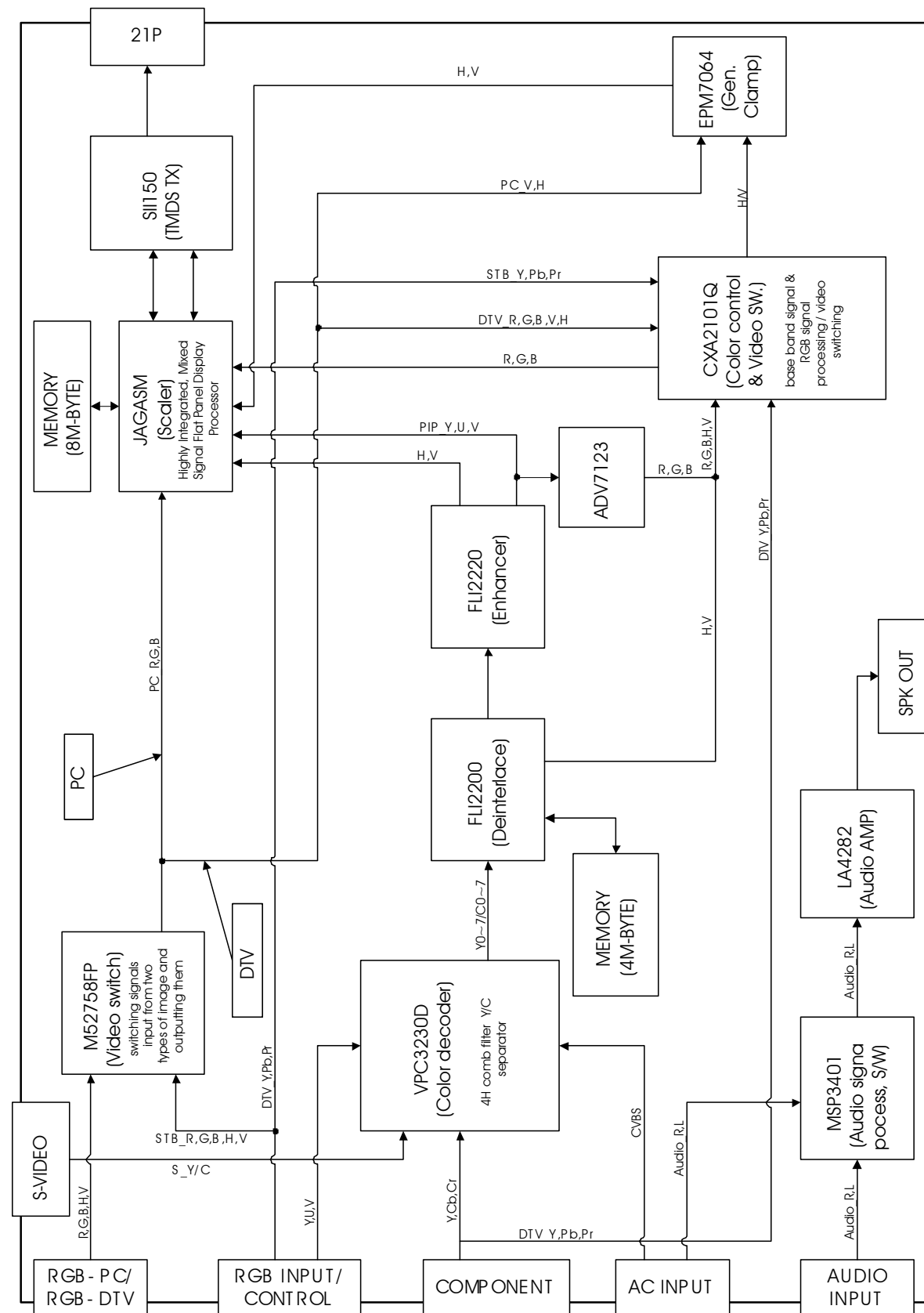


## DPDP60 Module Layout

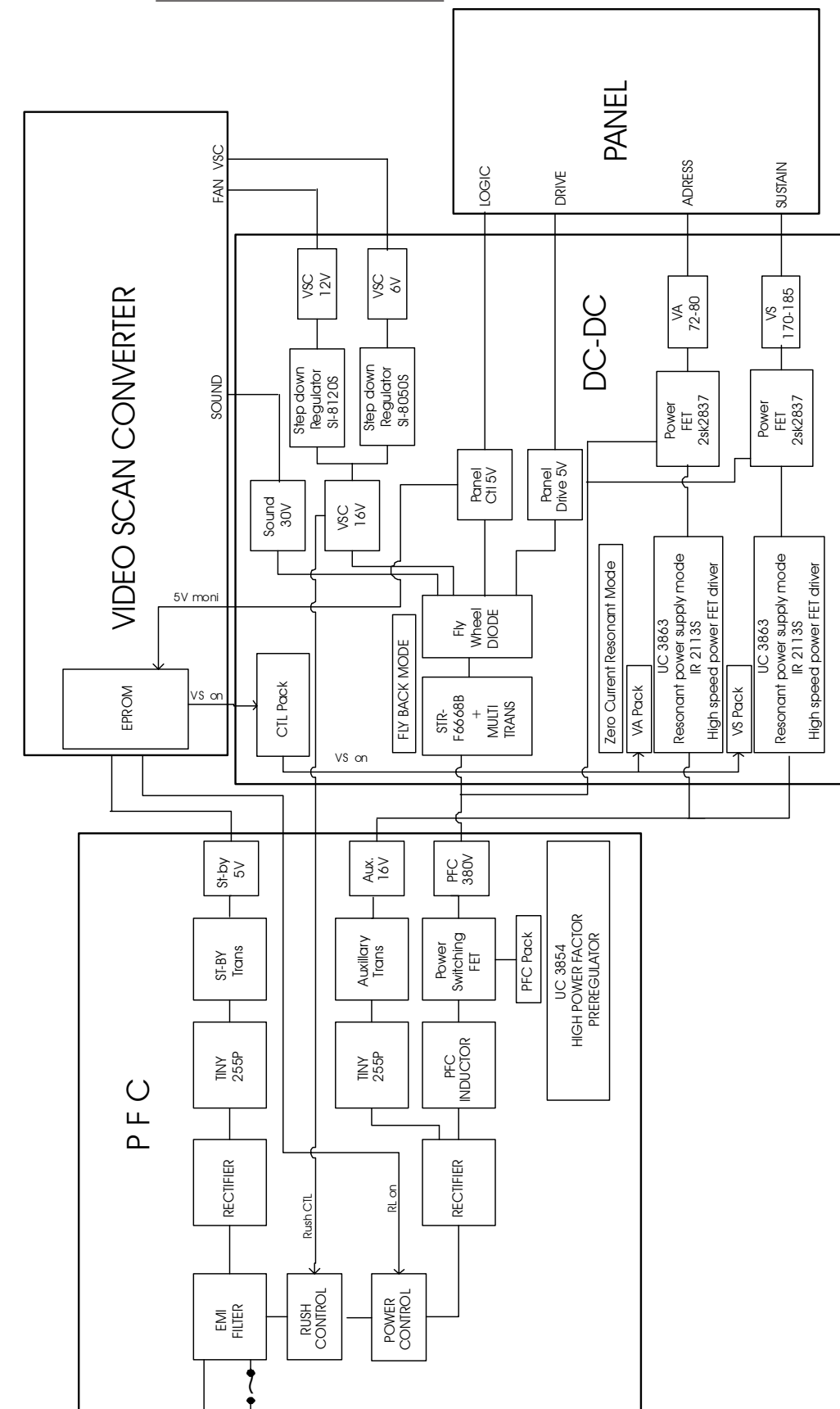


## DPDP60 Block Diagrams

### VSC BOARD BLOCK DIAGRAM



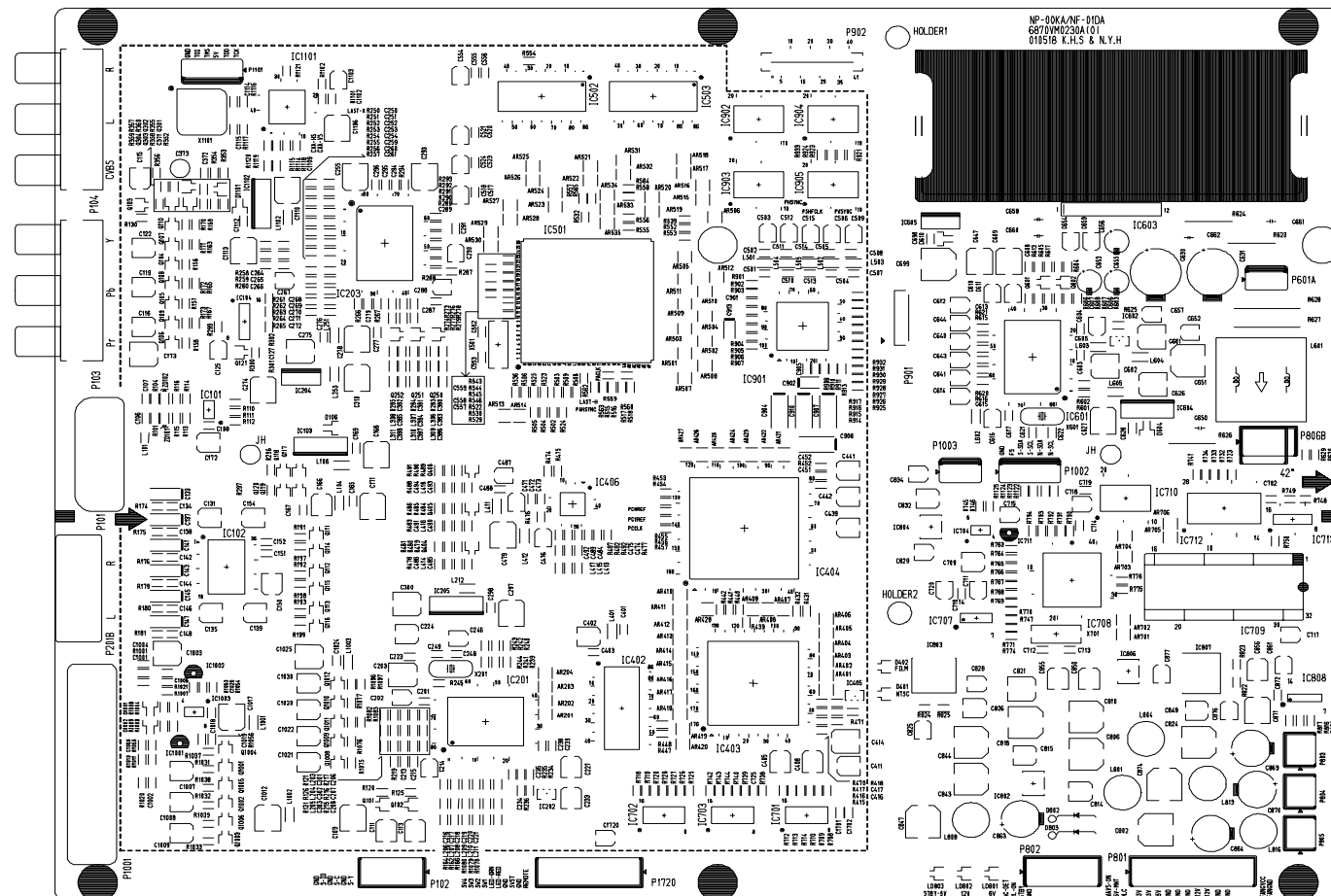
### POWER BOARD BLOCK DIAGRAM



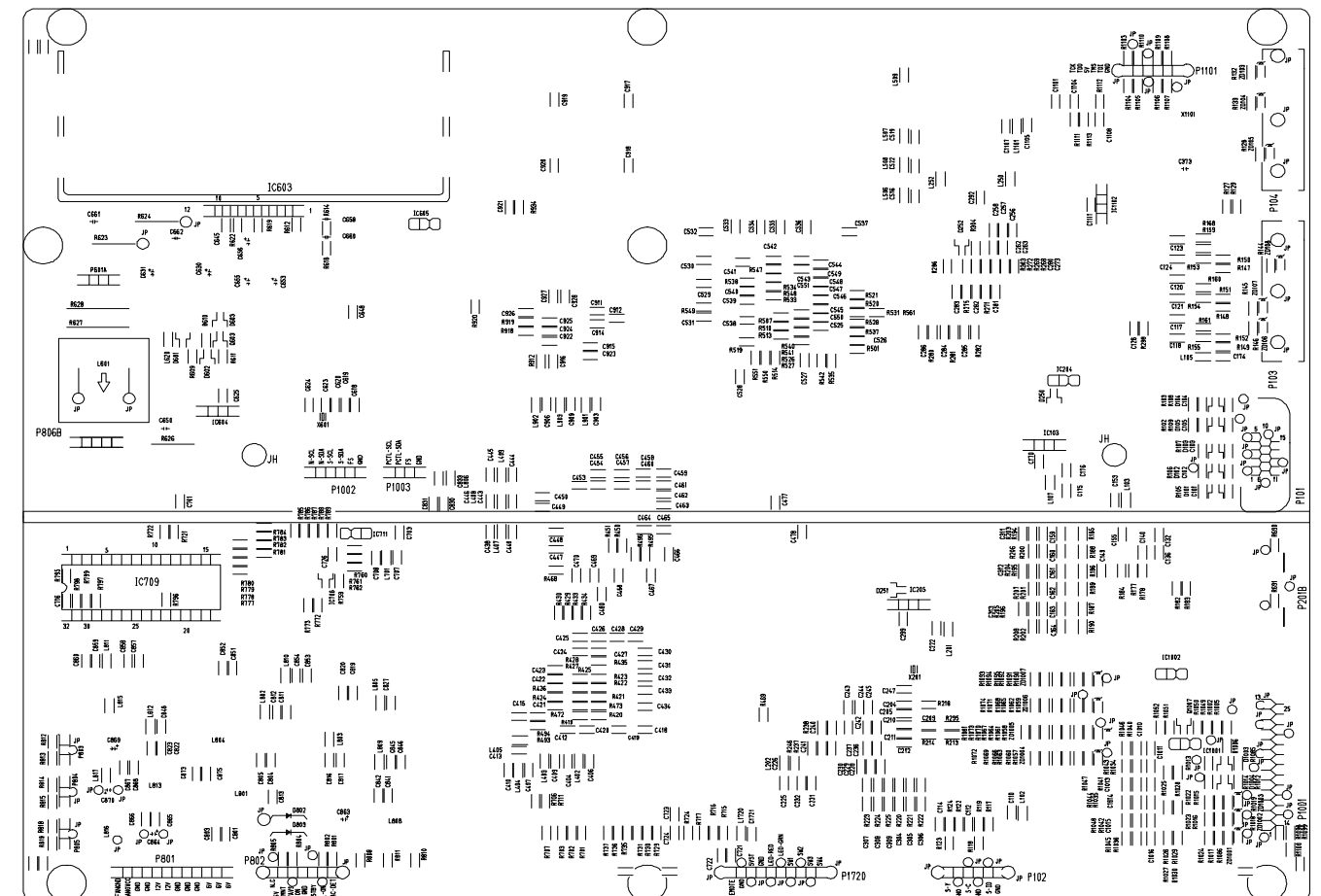


## DPDP60 Video Scan Converter

TOP

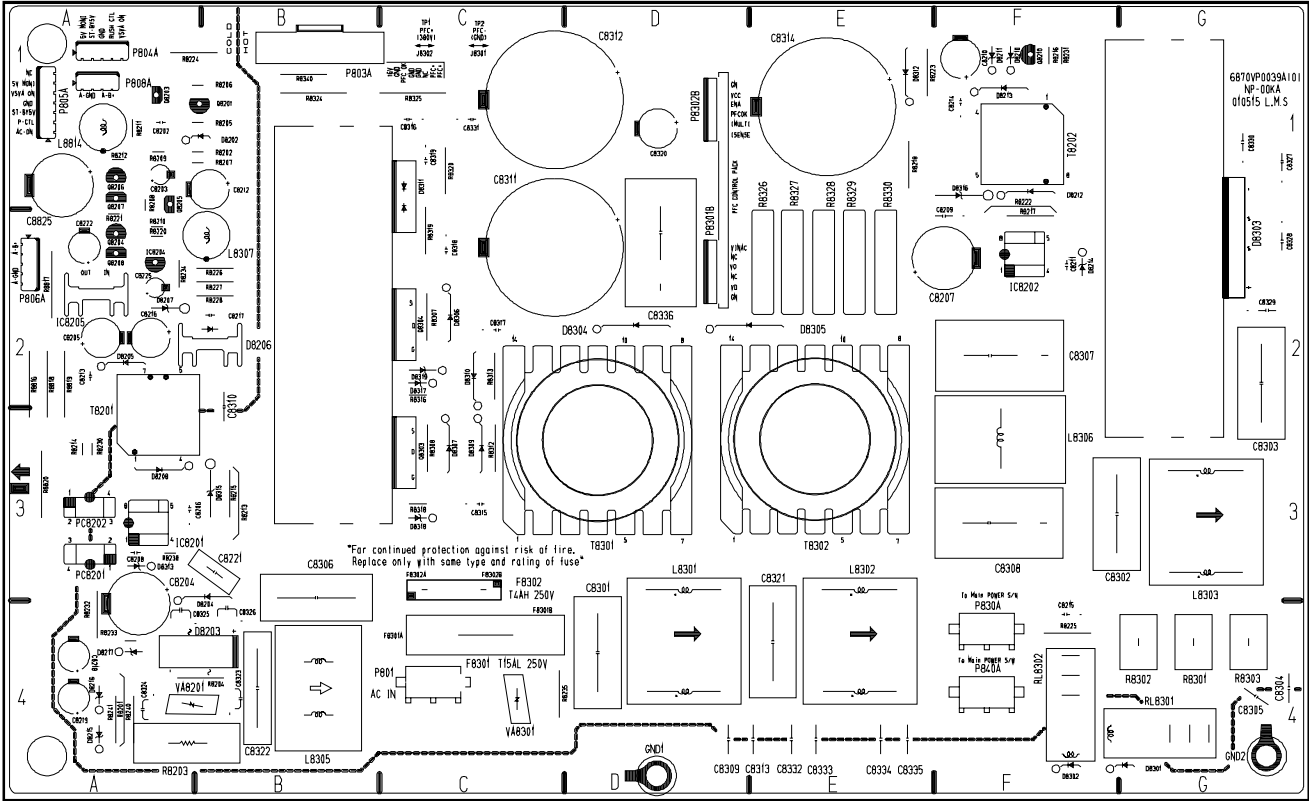


BOTTOM

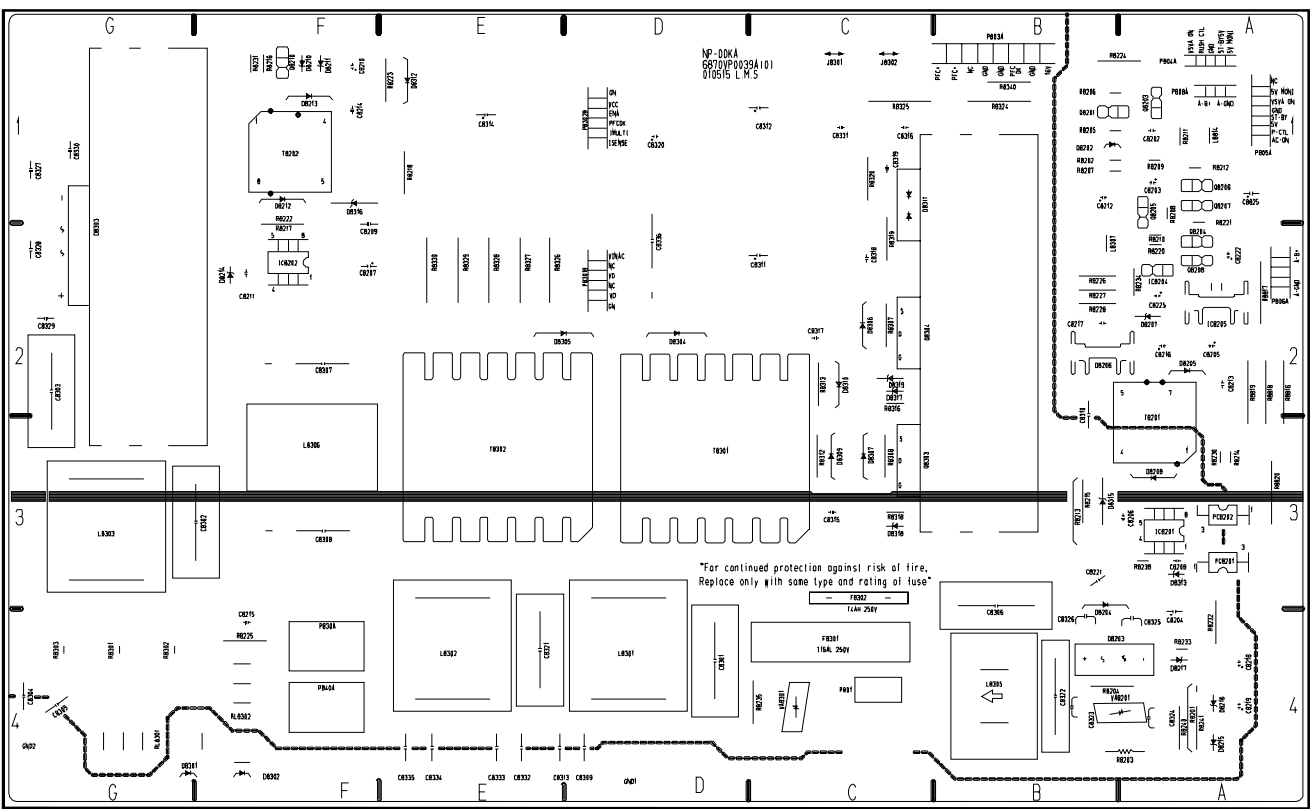


DPDP60 AC Line Filter / Primary Supply

TOP



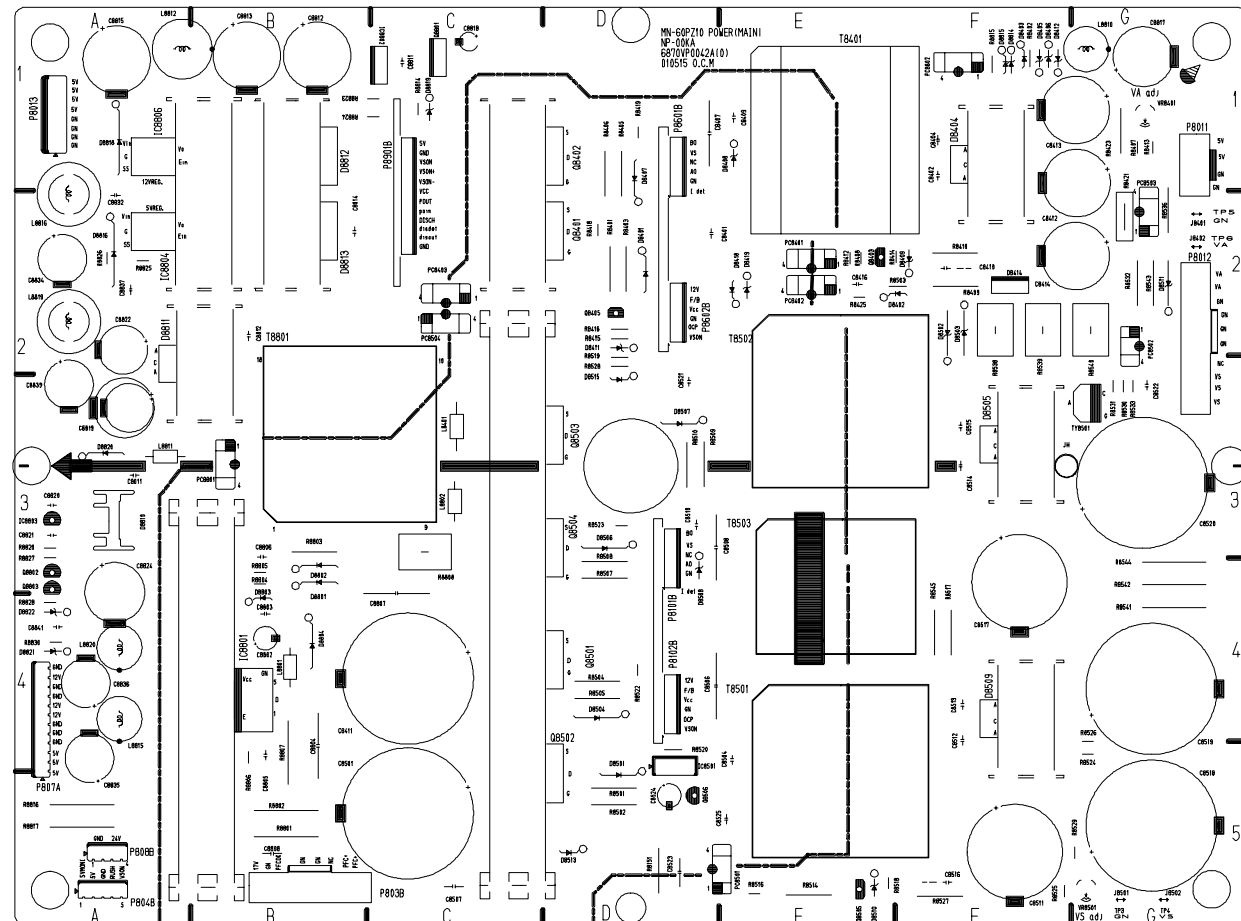
BOTTOM





## DPDP60 Swtich Mode Power Supply

TOP



BOTTOM

